

Title (en)
Valve

Title (de)
Ventil

Title (fr)
Soupape

Publication
EP 0922893 B1 20030709 (DE)

Application
EP 98115211 A 19980813

Priority
DE 29722085 U 19971213

Abstract (en)
[origin: EP0922893A1] The valve has a housing (2) with switch element (21), moved by an actuator unit (22) between two positions, where it is held by a force generated by the unit. The actuator has two actively actuated drive units moving between several operational positions. In a first position, a first unit (44) applies the holder force acting on the switch element, while in a second position, moves the element into a reversing condition, where the holder force is lifted. The second unit (45) may be switched into a reversing condition, in which a reversing force is applied to the switch element, which is active in desired reversing direction.

IPC 1-7
F16K 31/02

IPC 8 full level
F16K 31/00 (2006.01); **F16K 31/02** (2006.01)

CPC (source: EP)
F16K 31/003 (2013.01); **F16K 31/005** (2013.01)

Cited by
EP1375989A3; EP1411285A1; EP1106882A3; EP1229278A3; CN105848904A; US7017883B2; WO2009034007A1; WO03016762A1; US6799745B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 29722085 U1 19980226; DE 59808971 D1 20030814; EP 0922893 A1 19990616; EP 0922893 B1 20030709

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DE 29722085 U 19971213; DE 59808971 T 19980813; EP 98115211 A 19980813